OIPE
MAR 10 2004
PATENT & TRADEMARK OFFICE

Please type a plus sign (+) inside this box → [+]

PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 4 Express Mail No: EV 367 776 505 US

Complete if Known	
Application Number	10/682,582
Filing Date	October 9, 2003
First Named Inventor	John Fitzgerald et al.
Group Art Unit	1731
Examiner Name	Unknown
Attorney Docket Number	00568-292385

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	U.S. Patent Document Number	Kind Code[2] (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	
	1	48,936		F.X. Hazman et al.	07-25-1865		
	2	1,999,222		M.X.C. Weinberger	04-30-1935		
	3	1,999,223		M.X.C. Weinberger	04-30-1935		
	4	1,999,224		W.C. Miles	04-30-1935		
	5	2,049,320		Hans Ruben et al.	07-28-1936		
	6	2,149,896		Edward Hoxsie McArdle et al.	03-07-1939		
	7	2,512,414		Richard Norman Booth	06-20-1950		
	8	2,876,160		Thomas J. Schoch et al.	03-03-1959		
	9	3,165,105		Robert A. Campbell	01-12-1965		
	10	3,288,147		D. W. Molins et al.	11-29-1966		
	11	3,422,819		David Aubrey Jones et al.	01-21-1969		
	12	3,632,384		Joseph Saint-Pastou	01-04-1972		
	13	3,693,313		John H. Sexstone	09-26-1972		
	14	3,773,055		George E. Stungis et al.	11-20-1973		
	15	3,844,199		Hans-Jurgen Block et al.	10-29-1974		
	16	3,890,980		Erwin Helmut Geldmacher	06-24-1975		
	17	3,915,176		Bob Heitmann et al.	10-28-1975		
	18	3,987,804		Desmond Walter Molins et al.	10-26-1976		
	19	3,999,559		Clifford Russell Marritt et al.	12-28-1976		
	20	4,169,278		Ferdinand Roehlich et al.	09-25-1979		
	21	4,174,720		Floyd V. Hall	11-20-1979		
	22	4,186,754		Francis A.M. Labbe	02-05-1980		
	23	4,208,956		Floyd V. Hall	06-24-1980		
	24	4,237,907		Karl-Heinz Pawelko et al.	12-09-1980		
	25	4,252,527		Floyd V. Hall	02-24-1981		
	26	4,280,187		Joachim Reuland et al.	07-21-1981		
	27	4,281,670		Uwe Heitmann et al.	08-04-1981		
	28	4,291,713		Willi Frank	09-29-1981		
	29	4,340,074		Thomas T. Tudor	07-20-1982		
	30	4,361,156		Floyd V. Hall	11-30-1982		
	31	4,409,995		Walter A. Nichols	10-18-1983		
	32	4,412,829		Jean-Pierre Lebet at al.	11-01-1983		
	33	4,434,805		Floyd V. Hall	03-06-1984		
	34	4,459,998		Francis A.M. Labbe et al.	07-17-1984		
	35	4,474,190		Peter Brand	10-02-1984		
	36	4,574,816		W. Rudszinat	03-11-1986		
	37	4,582,507		Everett C. Grollimund	04-15-1986		
	38	4,580,579		Gunter Wahle et al.	04-08-1986		
	39	4,583,558		John A. Luke	04-22-1986		
	40	4,590,954		Eldon D. Gooden	05-27-1986		
	41	4,607,647		Frederick J. Dashley et al.	08-26-1986		
	42	4,619,276		Douglas E. Albertson et al.	10-28-1986		
	43	4,619,278		Clement G. Smeed at al.	10-28-1986		
	44	4,643,203		Francis A.M. Labbe	02-17-1987		
	45	4,727,888		John A. Luke	03-01-1988		
	46	4,732,165		Gerhard Hakansson et al.	03-22-1988		
	47	4,736,754		Uwe Heitmann et al.	04-12-1988		
	48	4,781,203		Paul D. La Hue	11-01-1988		
	49	4,844,100		U. Holznagel	07-04-1989		
	50	4,845,374		K. W. White et al.	07-04-1989		
	51	4,878,506		P. Pinck et al.	11-07-1989		

Please type a plus sign (+) inside this box → [+]

PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449APTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 4 Express Mail No: EV 367 776 505 US

Complete if Known	
Application Number	10/682,582
Filing Date	October 9, 2003
First Named Inventor	John Fitzgerald et al.
Group Art Unit	1731
Examiner Name	Unknown
Attorney Docket Number	00568-292385

Class Sub

Exam	52	4,889,145		Brian Adams et al.	12-26-1989		
	53	4,899,765		J. W. Davis et al.	02-13-1990		
	54	4,944,316		Oskar Stuhl et al.	07-31-1990		
	55	4,945,932		E. Mentzel et al.	08-07-1990		
	56	4,962,773		Jackie L. White et al.	10-16-1990		
	57	4,979,521		James W. Davis et al.	12-25-1990		
	58	5,012,823		G. D. Keritsis et al.	05-07-1991		
	59	5,060,665		Uwe Heitmann	10-29-1991		
	60	5,085,228		Neil T. Mooney et al.	02-04-1992		
	61	5,105,838		Jackie L. White et al.	04-21-1992		
	62	5,156,169		G. A. Holmes et al.	10-20-1992		
	63	5,163,452		Clifford R. Marritt et al.	11-17-1992		
	64	5,170,128		Heinz Masurat et al.	12-08-1992		
	65	5,191,906		James L. Myracle, Jr.	03-09-1993		
	66	5,200,020		Alfred L. Collins at al.	04-06-1993		
	67	5,314,559		Steven R. Rinehart et al.	05-24-1994		
	68	5,342,484		Edwin L. Cutright et al.	08-30-1994		
	69	5,387,285		Ernest E. Rivers	02-07-1995		
	70	5,450,863		Alfred L. Collins at al.	09-19-1995		
	71	5,534,114		Edwin L. Cutright et al.	07-09-1996		
	72	5,634,477		Shinji Ogura at al.	06-03-1997		
	73	5,666,976		John M. Adams et al.	09-16-1997		
	74	5,692,526		John M. Adams et al.	12-02-1997		
	75	5,709,352		Jeffery Kane Rogers et al.	01-20-1998		
	76	5,735,292		Fiorenzo Draghetti	04-07-1998		
	77	5,849,153		Y. Ishino et al.	12-15-1998		
	78	5,919,906		Anne G. Rowlands et al.	07-06-1999		
	79	5,958,275		W. T. Joines et al.	09-28-1999		
	80	5,966,218		G. H. Bokelman et al.	10-12-1999		
	81	5,979,461		A. Bensalem et al.	11-09-1999		
	82	5,997,691		Navin Gautam et al.	12-07-1999		
	83	5,998,774		W. T. Joines et al.	12-07-1999		
	84	6,020,969		A. D. Struckhoff et al.	02-01-2000		
	85	6,059,706		Firdausia Chehab et al.	05-09-2000		
	86	6,075,232		W. T. Joines et al.	06-13-2000		
	87	6,087,642		W. T. Joines et al.	07-11-2000		
	88	6,198,537	B1	G. H. Bokelman et al.	03-06-2001		
	89	6,202,648	B1	Peter Schumacher et al.	03-20-2001		
	90	6,202,649	B1	Jonnie R. Williams	03-20-2001		
	91	6,229,115	B1	Helmut Voss et al.	05-08-2001		
	92	6,246,037	B1	J. M. Drozd et al.	06-12-2001		
	93	6,259,077	B1	J. M. Drozd et al.	07-10-2001		
	94	6,596,125	B1	Rajesh Garg et al.	07-22-2003		
	95	6,606,999	B2	Evon Llewellyn Crooks et al.	08-19-2003		
	96	6,645,605	B2	James Rodney Hammersmith et al.	11-11-2003		
	97	6,647,878	B2	Mathias Blau et al.	11-18-2003		
	98	6,684,781	B1	Masayoshi Saitoh	02-03-2004		
Applications	99	2001/0042456	A1	M. E. Kamen et al.	11-22-2001		
	100	2002/0004132	A1	J. P. Banovetz	01-10-2002		
	101	2002/0023655	A1	Stefan Fietkau	02-28-2002		
	102	2002/0092621	A1	H. Suzuki	07-18-2002		
	103	2002/0129823	A1	M. Dombek et al.	09-19-2002		
	104	2002/0135290	A1	T. Avnery	09-26-2002		
	105	2002/0139381	A1	Richard M. Peterson et al.	10-03-2002		
	106	2002/0150829	A1	W. Zhao et al.	10-17-2002		
	107	2002/0179105	A1	Michael A. Zawadzki et al.	12-05-2002		

Please type a plus sign (+) inside this box → [+]

PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0551-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known	
Application Number	10/682,582
Filing Date	October 9, 2003
First Named Inventor	John Fitzgerald et al.
Group Art Unit	1731
Examiner Name	Unknown
Attorney Docket Number	00568-292385

Sheet 3 of 4 Express Mail No: EV 367 776 505 US

Class Sub

	108	2002/0179106	A1	Michael A. Zawadzki et al.	12-05-2002		
	109	2003/0004223	A1	I. V. Khudyakov	01-02-2003		
	110	2003/0131860	A1	Charles Ray Ashcraft et al.	07-17-2003		
	111	2003/0136419	A1	Hans-Heinrich Muller	07-24-2003		
	112	2003/0136420	A1	Thomas A. Kraker	07-24-2003		
	113	2003/0145866	A1	Franz Hartmann	08-07-2003		
	114	2003/0145869	A1	Satoshi Kitao et al.	08-07-2003		
	115	2003/0150466	A1	Satoshi Kitao et al.	08-14-2003		
	116	2003/0197126	A1	Kiyomis Sato et al.	10-23-2003		
	117	2003/0211351	A1	Edmund W. Figel et al.	11-13-2003		
	118	2004/0011369	A1	Takaaki Matsufuji et al.	01-22-2004		
	119	2004/0020520	A1	Agustin Tosas Fuentes et al.	02-05-2004		

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document: Office[3]	Number[4]	Kind Code[2] (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[5]
	120	EP	0546576	B1	James L. Eden et al.	03-27-1996		
	121	WO	0056554		Scitex Corp. Ltd.	09-28-2000		
	122	EP	1092354	A!	Athanasios Nikolaou	04-18-2001		
	123	WO	0208309		D. C. Neckers	01-31-2002		
	124	WO	02/17737	A1	Japan Tobacco Inc.	03-07-2002	English Translation Attached	✓
	125	WO	02/19848	A1	Japan Tobacco Inc.	03-14-2002	English Translation Attached	✓
	126	WO	02/37991	A1	Schweitzer-Mauduit International	05-16-2002		
	127	WO	02/44700	A1	Philip Morris Products Inc.	06-06-2002		
	128	WO	02/055294	A1	RFS Ecusta	07-18-2002		
	129	EP	1 234 514	A2	Lorillard Licensing Company, Llc	08-28-2002		
	130	WO	02/078471	A1	Lorillard Licensing Company LLC	10-10-2002		
	131	WO	03/000497	A2	Hauni Maschinenbau AG	01-03-2003	English Abstract	
	132	EP	1 003 643	B1	Trident International, Inc.	03-05-2003		
	133	EP	1329165	A!	Japan Tobacco Inc.	07-23-2003		
	134	WO	03/064165	A1	Tricon Consulting GMBH & Co. KG	08-07-2003		
	135	WO	03/077686	A1	Fumio Kubo et al.	09-25-2003		✓

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]

Please type a plus sign (+) inside this box → [+]

PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449APTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known	
Application Number	10/682,582
Filing Date	October 9, 2003
First Named Inventor	John Fitzgerald et al.
Group Art Unit	1731
Examiner Name	Unknown
Attorney Docket Number	00568-292385

Sheet	4	of	4	Express Mail No:	EV 367 776 505 US

	136	Hauni Protos/VE 80 Operating Manual, No. 385, B2282e, pages 3/10 – 3/11, in existence at least as of December 20, 2002.	
	137	Hauni Protos/SE 80 Operating Manual, No. B585e, pages 4/10 – 4/11, in existence at least as of December 20, 2002.	
	138	Hauni Operating Manual, MAX 2, No. 78, HME.0110.04.5.e, pages 13-49 – 13/81, June 1997.	

Examiner Signature		Date Considered	1-5-06

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformation and not considered. Include copy of this form with next communication to applicant.

[1] Unique citation designation number. [2] Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

OIPE
OCT 04 2005
PATENT & TRADEMARK OFFICE

Express Mail Certificate EV 463 362 625 US

PTO/SB/08a (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known	
Application Number	10/682,582
Filing Date	October 9, 2003
First Named Inventor	John Fitzgerald et al.
Art Unit	1731
Examiner Name	Unknown
Attorney Docket Number	00568-292385

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number: Number - Kind Code[2] (*if known*)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear: Class	Sub
	1.	US- 2,013,508	09/03/1935	Seaman		
	2.	US- 2,998,012	08/29/1961	Lamm		
	3.	US- 3,030,963	04/24/1962	Cohn		
	4.	US- 3,526,904	09/01/1970	Tamol		
	5.	US- 3,837,954	09/24/1974	Nudinger et al.		
	6.	US- 4,044,778	08/30/1977	Cohn		
	7.	US- 4,452,259	06/05/1984	Norman et al.		
	8.	US- 4,453,553	06/12/1984	Cohn		
	9.	US- 4,489,738	12/25/1984	Simon		
	10.	US- 4,615,345	10/07/1986	Durocher		
	11.	US- 4,622,983	11/18/1986	Mathews et al.		
	12.	US- 4,739,775	04/26/1988	Hampl, Jr.		
	13.	US- 4,945,927	08/07/1990	Belvederi		
	14.	US- 4,998,542	03/12/1991	Kallianos et al.		
	15.	US- 5,060,675	10/29/1991	Milford et al.		
	16.	US- 5,263,999	11/23/1993	Baldwin et al.		
	17.	US- 5,404,890	04/11/1995	Gentry et al.		
	18.	US- 5,417,228	05/23/1995	Baldwin et al.		
	19.	US- 6,837,248 B2	01/04/2005	Zawadzki et al.		
	20.	US- 6,904,917 B2	08/14/2005	Kitao et al.		
	21.	US- 2002/0062834 A1	05/30/2002	Snaidr et al.		
	22.	US- 2003/0037792 A1	02/27/2003	Snaidr et al.		
	23.	US- 2004/0123874 A1	07/01/2004	Zawadzki et al.		
	24.	US- 2004/0134631 A1	07/15/2004	Crooks et al.		
	25.	US- 2004/0261805 A1	12/30/2004	Wanna et al.		

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document: Country Code[3] - Number[4] - Kind Code[5] (*if known*)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
	26.	GB 259 684	10/18/1926	Molins		
	27.	GB 602 736	06/02/1948	Friedwald		

Examiner Signature		Date Considered	1-5-06

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. [1] Applicant's unique citation designation number (optional). [2] See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. [3] Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). [4] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. [6] Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Express Mail Certificate EV 463 362 625 US

PTO/SB/08b(08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 2 of 2

Complete if Known	
Application Number	10/682,582
Filing Date	October 9, 2003
First Named Inventor	John Fitzgerald et al.
Art Unit	1731
Examiner Name	Unknown
Attorney Docket Number	00568-292385

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
	28.	International Search Report, International Application No. PCT/US03/40750, mailed March 21, 2005, 6 pages.	

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
[1] Applicant's unique citation designation number (optional). [2] Applicant is to place a check mark here if English language Translation is attached.
This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.